



# UNILAY 750 UNILAY FR 751



1.877.MAMMOUTH  
[www.soprema.ca](http://www.soprema.ca)

TECHNICAL DATA SHEET  
130423SCAN1F  
(supersedes n/a)

## DESCRIPTION

**UNILAY 750** is a high performance cap sheet membrane composed of SBS modified bitumen and a composite reinforcement. The surface is protected by coloured granules. The underface is sanded. The membrane is designed for sloped roof.

Fire rated cap sheet (**UNILAY FR 751**) is also available for increased fire resistance.

## INSTALLATION

### MECHANICALLY FASTENED

**UNILAY 750** & **UNILAY 751** are mechanically fastened with **SOPRAPHIX** screws and plates.

- Mechanical fasteners must be installed in the centre of the membrane side selvedge on marks.

\*For more details about the required number of mechanical fasteners, consult the Wind Uplift Resistance Testing reports according to Canadian standard CSA A123.21-10 or publications according to FM 4470 (RoofNav Database) including recommendations for corners and perimeters listed in the PLPDS 1-29 from Factory Mutual.

### HEAT-WELDED

**UNILAY 750** & **UNILAY FR 751** selvedges are heat-welded with a propane torch.

**FOR COMPLETE INFORMATION ON PRODUCT INSTALLATION, PLEASE CONSULT YOUR SOPREMA REPRESENTATIVE.**

## PACKAGING

Specifications	UNILAY 750 / UNILAY FR 751
Thickness	4.7 mm (185 mil)
Reinforcement	Composite
Dimensions	1 m x 7 m (3.3 ft x 23 ft)
Weight	5.4 kg/m <sup>2</sup> (1.1 lb/pi <sup>2</sup> )
Selvedge width	200 mm (8 in) Heat-weldable
Surface	Coloured granules
Underface	Sanded
Rolls per skid	25



SYSTÈME QUALITÉ  
**ISO 9001**  
QUALITY SYSTEM



SYSTÈME ENVIRONNEMENT  
**ISO 14001**  
ENVIRONMENT SYSTEM

NOTE : SOPREMA INC. may modify the composition and/or utilisation of its products without prior notice.



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TECHNICAL DATA SHEET  
130920SCAN3E  
(supersedes - 100310SCAN5F)

## PROPERTIES

UNILAY 750 & UNILAY FR 751 as per CAN/CGSB-37.56-M, 9th draft

Properties	MD	XD
Strain energy	11.3 kN/m	9.5 kN/m
Breaking strength	15.2 kN/m	14 kN/m
Ultimate elongation	60 %	60 %
Tear resistance	125 N	
Static puncture resistance	440 N	
Dimensional stability, max	0.2 %	0 %
Plastic flow	≥ 105 °C (221 °F)	
Cold bending at -30 °C (-22 °F)	No cracking	
Lap joint strength	Pass > 4 kN/m	

(Meets and exceeds the requirements of ASTM D6162, type I).  
(All values are nominal)

## STORAGE & HANDLING

Rolls must be stored upright, with the selvedge side on top. If the products are stored outside, cover them with an opaque protection cover after the packaging provided for delivery has been removed.



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